

Amendment to the Specification

Please replace the paragraph beginning on page 8, line 15 with the following paragraph”

One embodiment of the process of the present invention, such as embodiments comprises copolymerizing a macromonomer with a vinyl-end group and a radically (co)polymerizable monomer in a controlled radical polymerization process, such as atom transfer radical polymerization (“ATRP”), is described in detail. This embodiment exemplifies the criteria for grafting through macromonomers into graft (co)polymers, not only for controlled radical polymerization processes but also for any other polymerization process, such as nitroxide mediated polymerization, ionic or cationic polymerization, RAFT processes and addition polymerization processes. Further embodiments of the process of the present invention include the preparation of hybrid graft (co)polymers with grafts or backbones comprising inorganic monomer units, grafts or backbones comprising biodegradable monomer units, grafts or backbones comprising polyolefin monomer units and the preparation of block (co)polymers wherein each block comprises a graft (co)polymer, and preferably each block comprises graft segments of different compositions. Also described are embodiments which can be utilized to prepare gradient-graft copolymers, gradient-graft-(co)macroinitiators and gradient-graft-(co)macromonomers.

ATRP processes are disclosed in the commonly assigned U.S. Patents 5,763,546548; 5,807,937; 5,789,487; 5,945,491; 6,111,022; 6,121,371; 6,124,411; 6,162,882; and U.S. Patent Applications 09/034,187; 09/018,554; 09/431,871; 09/359,359; 09/359,591; 09/369,157; 09/534,827; 09/972,046; 09/872,056; and 09/972,260 all of which are herein incorporated by reference.